In the Claims:

1. (Currently Amended) A diversity radio antenna, comprising a ground substrate [[(1)]], first and second elongated antenna elements [[(2,3)]], each extending between respective first [[(5,6)]] and second opposing ends [[(7,8)]] thereof in a plane parallel to and spaced from [[said]] the ground substrate, and an excitation electrode [[(4)]] interposed between said respective first ends, each antenna element having one grounding point connectable to the ground substrate, ~~characterised in that~~ wherein the first antenna element [[(2)]] has a first ground connector switch means [[(9)]] selectively connecting or disconnecting [[its]] the first antenna grounding point to the ground substrate, and the second antenna element [[(3)]] has a second ground connector switch means [[(10)]] selectively connecting or disconnecting [[its]] the second antenna grounding point to the ground substrate, wherein said ground connector switch means [[(9,10)]] are ~~devised~~ configured to selectively connect one or both of said antenna elements to said ground substrate for controlling radiation beam pattern and polarisation diversity of the antenna.

2. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in that said~~ wherein the grounding points are ~~devised~~ configured at said respective second ends of the first and second antenna elements.

3. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in that said~~ wherein the first and second antenna elements extend substantially perpendicular to each other in said plane.

4. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in~~ further comprising a MEMS switch configured to control ~~controls~~ the switching action of each of said ground connector switch means .

5. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in that said~~ wherein the excitation electrode is capacitively coupled to said

respective first ends of ~~said~~ the first and second antenna elements.

6. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in that said~~ wherein the ground connector switch means are ~~devised~~ configured to connect [[said]] the first and second antenna elements to ground, for adapting the antenna to a circularly-polarised radio wave.

7. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in that said~~ wherein the ground connector switch means are ~~devised~~ configured to connect one of [[said]] the first and second antenna elements to ground, and disconnect the other of [[said]] the first and second antenna elements from ground[[,]] for adapting the antenna to a linearly-polarised radio wave.

8. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in that said~~ wherein the ground connector switch means are ~~devised~~ configured to selectively connect [[said]] the first and second antenna elements to ground for adapting the antenna to a circularly-polarised radio wave, or disconnect one of [[said]] the first and second antenna elements from ground for adapting the antenna to a linearly-polarised radio wave.

9. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in that said~~ wherein the ground connector switch means are ~~devised~~ configured to selectively connect [[said]] the ground substrate to said antenna elements over a predetermined impedance.

10. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in that said~~ wherein the ground connector switch means are ~~devised~~ configured to selectively connect [[said]] the ground substrate to said antenna elements over a predetermined inductive impedance.

11. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in that~~ wherein each of [[said]] the first and second antenna elements have an electrical length of one quarter of a predetermined radio frequency wavelength.

12. (Currently Amended) The diversity radio antenna as recited in claim 1, ~~characterised in that~~ wherein a dielectric member is interposed between [[said]] the plane and [[said]] the ground substrate.

13. (Currently Amended) The diversity radio antenna as recited in claim 12, ~~characterised in that said~~ wherein the dielectric member is made of a ceramic material.

14. (Currently Amended) The diversity radio antenna as recited in claim 12, ~~characterised in that said~~ wherein the antenna elements and [[said]] the excitation electrode are provided on a first surface of the dielectric member, whereas [[said]] the ground substrate is formed adjacent to a second surface of [[said]] the dielectric member, opposite and parallel to [[said]] the first surface.

15. (Currently Amended) The diversity radio antenna as recited in claim 14, ~~characterised in that said~~ wherein the antenna elements and [[said]] the excitation electrode are formed by a coat of an electrically conductive material provided on [[said]] the first surface, whereas a first and a second spacing between [[said]] the excitation electrode and said first and second antenna element, respectively, are formed by etching of [[said]] the coat.

16. (Currently Amended) The diversity radio antenna as recited in claim 14, ~~characterised in that~~ further comprising a radio frequency feed conductor ~~extends~~ extending from [[said]] the excitation electrode along a side surface of [[said]] the dielectric member, to a feed pad at [[said]] the second surface.

17. The diversity radio antenna as recited in claim 1, ~~characterised in that said~~ wherein the ground substrate is formed as a material layer in a printed circuit board.

18. (Currently Amended) A radio communication terminal ~~(30), characterised by~~ comprising a diversity radio antenna, the diversity radio antenna comprising:

a ground substrate, first and second elongated antenna elements, each extending between respective first and second opposing ends thereof in a plane parallel to and spaced from the ground substrate, and an excitation electrode interposed between said respective first ends, each antenna element having one grounding point connectable to the ground substrate, wherein the first antenna element has a first ground connector switch means selectively connecting or disconnecting the first antenna grounding point to ground, and the second antenna element has a second ground connector switch means selectively connecting or disconnecting the second antenna grounding point to ground, wherein said ground connector switch means are configured to selectively connect one or both of said antenna elements to said ground substrate for controlling radiation beam pattern and polarisation diversity of the antenna ~~according to any of the previous claims~~.